

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	US-2378001-\$.DID. OR US-1499202-\$.DID. OR US-0995017-\$.DID. OR US-0316785-\$.DID. US-1631379-\$.DID. or US-2151334-\$.DID. or US-4477244-\$.DID.	USPAT	OR	ON	2006/07/27 14:49
L2	15	US-2378001-\$.DID. OR US-1499202-\$.DID. OR US-0995017-\$.DID. OR US-0316785-\$.DID. US-1631379-\$.DID. or US-2151334-\$.DID. or US-4477244-\$.DID. or US-1291864-\$.DID. OR US-1734316-\$.DID. OR US-1685349-\$.DID. OR US-2047306-\$.DID. OR US-2221788-\$.DID. OR US-2608031-\$.DID. OR US-3188191-\$.DID. OR US-3188778-\$.DID.	USPAT	OR	ON	2006/07/27 14:52
L3	28	US-2378001-\$.DID. OR US-1499202-\$.DID. OR US-0995017-\$.DID. OR US-0316785-\$.DID. US-1631379-\$.DID. or US-2151334-\$.DID. or US-4477244-\$.DID. or US-1291864-\$.DID. OR US-1734316-\$.DID. OR US-1685349-\$.DID. OR US-2047306-\$.DID. OR US-2221788-\$.DID. OR US-2608031-\$.DID. OR US-3188191-\$.DID. OR US-3188778-\$.DID. OR US-0532920-\$.DID. OR US-0916209-\$.DID. OR US-1434207-\$.DID. OR US-5178535-\$.DID. OR US-4567876-\$.DID. OR US-4449925-\$.DID. OR US-4191333-\$.DID. OR US-3816065-\$.DID. OR US-3776689-\$.DID. OR US-3279701-\$.DID. OR US-3113012-\$.DID. OR US-2634633-\$.DID. OR US-2433055-\$.DID.	USPAT	OR	ON	2006/07/27 14:54

## EAST Search History

L4	32	US-2378001-\$.DID. OR US-1499202-\$.DID. OR US-0995017-\$.DID. OR US-0316785-\$.DID. US-1631379-\$.DID. or US-2151334-\$.DID. or US-4477244-\$.DID. or US-1291864-\$.DID. OR US-1734316-\$.DID. OR US-1685349-\$.DID. OR US-2047306-\$.DID. OR US-2221788-\$.DID. OR US-2608031-\$.DID. OR US-3188191-\$.DID. OR US-3188778-\$.DID. OR US-0532920-\$.DID. OR US-0916209-\$.DID. OR US-1434207-\$.DID. OR US-5178535-\$.DID. OR US-4567876-\$.DID. OR US-4449925-\$.DID. OR US-4191333-\$.DID. OR US-3816065-\$.DID. OR US-3776689-\$.DID. OR US-3279701-\$.DID. OR US-3113012-\$.DID. OR US-2634633-\$.DID. OR US-2433055-\$.DID. or US-0532920-\$.DID. OR US-4231777-\$.DID. OR US-4671833-\$.DID. or US-2593295-\$.DID. OR US-2214031-\$.DID.	USPAT	OR	ON	2006/07/27 14:57
L7	12	f23d013/34	JPO	OR	ON	2006/07/27 15:33
L8	870	f23d013/\$3	JPO	OR	ON	2006/07/27 15:36
L9	13981	f23d\$8	JPO	OR	ON	2006/07/27 15:36
L10	36	f23d\$8 and brazing	JPO	OR	ON	2006/07/27 15:54
L11	14	f23d\$8 and braz\$2	JPO	OR	ON	2006/07/27 15:40
L12	24	f23d\$8 and solder\$3	JPO	OR	ON	2006/07/27 16:28
L13	173	f23d\$8 and solder\$3	DERWENT	OR	ON	2006/07/27 15:52
L14	32	f23d\$8 and solder\$3	EPO	OR	ON	2006/07/27 15:52
L15	69	f23d\$8 and brazing	EPO; DERWENT	OR	ON	2006/07/27 16:00
L16	2912	b23k003/00	EPO; DERWENT	OR	ON	2006/07/27 16:00
L17	4227	b23k003/00	EPO; JPO; DERWENT	OR	ON	2006/07/27 16:00
L18	1513	b23k003/00	EPO; JPO	OR	ON	2006/07/27 16:02
L19	1513	(b23k003/00 b23k003/00)	EPO; JPO	OR	ON	2006/07/27 16:03
L20	1559	(b23k003/00 b23k005/00)	EPO; JPO	OR	ON	2006/07/27 16:03
L21	0	(b23k003/00 and b23k005/00)	EPO; JPO	OR	ON	2006/07/27 16:03
L22	1559	(b23k003/00 b23k005/00)	EPO; JPO	OR	ON	2006/07/27 16:03
L23	27	(b23k003/00 b23k005/00) and ring	EPO; JPO	OR	ON	2006/07/27 16:05
L24	98	(b23k003/\$4 b23k005/\$4) and ring	EPO; JPO	OR	ON	2006/07/27 16:06
L25	71	(b23k003/\$4 b23k005/\$4) and ring not 23	EPO; JPO	OR	ON	2006/07/27 16:09

## EAST Search History

L26	100	(b23k003/\$4 b23k005/\$4) and (flame)	EPO; JPO	OR	ON	2006/07/27 16:20
L27	1056	(b23k003/04)	EPO; JPO	OR	ON	2006/07/27 16:19
L28	17	(b23k003/04) and burner	EPO; JPO	OR	ON	2006/07/27 16:19
L29	75	(b23k003/\$4 b23k005/\$4) and (burner)	EPO; JPO	OR	ON	2006/07/27 16:24
L30	94	(b23k001/\$4) and (burner)	EPO; JPO	OR	ON	2006/07/27 16:24
L31	672	f23d\$8 and ring	JPO	OR	ON	2006/07/27 17:00
L32	34	((("1680681") or ("1852840") or ("2011872") or ("2018056") or ("2371486") or ("2405892") or ("1674366") or ("1719588") or ("2215980") or ("2322336") or ("2334111") or ("8177560") or ("0916209") or ("0979335") or ("1631377") or ("1647644") or ("1819597") or ("1936426") or ("2020983") or ("2215100") or ("0419032") or ("2202405") or ("0774456") or ("2250869") or ("2250870") or ("2272968") or ("2301173") or ("2354983") or ("1031812") or ("2058388") or ("2148936") or ("2267405") or ("2290271") or ("2346718") or ("2483479")).PN.	USPAT	OR	OFF	2006/07/27 17:17
L33	0	("1819597").URPN.	USPAT	OR	ON	2006/07/27 17:20
L34	1	("2290271").URPN.	USPAT	OR	ON	2006/07/27 18:26
L35	38	(US-3188778-\$ or US-3188191-\$ or US-1434207-\$ or US-4671833-\$ or US-4477244-\$ or US-4231777-\$ or US-4191333-\$ or US-3776689-\$ or US-3279701-\$ or US-3113012-\$ or US-2634633-\$ or US-2608031-\$ or US-2593295-\$ or US-2433055-\$ or US-2378001-\$ or US-2221788-\$ or US-2214031-\$ or US-2151334-\$ or US-2047306-\$ or US-1734316-\$ or US-1685349-\$ or US-1631379-\$ or US-1291864-\$ or US-0995017-\$ or US-0532920-\$ or US-0316785-\$).did. or (US-3816065-\$ or US-1499202-\$ or US-0916209-\$ or US-4449925-\$ or US-4567876-\$ or US-5178535-\$ or US-1819597-\$ or US-1936426-\$ or US-2011872-\$ or US-2020983-\$).did. or (JP-63248570-\$ or FR-2256695-\$). did.	USPAT; DERWENT	OR	ON	2006/07/27 18:29
L36	5	((("1631377") or ("2571537") or ("1936426") or ("1819597") or ("3201217")).PN.	USPAT	OR	OFF	2006/07/27 18:34

## EAST Search History

S1	104	three and nozzle and flame	EPO; JPO	OR	ON	2006/07/27 10:49
S2	20	three and flame and weld\$4	EPO; JPO	OR	ON	2004/05/13 14:40
S3	18	three and flame and torch	EPO; JPO	OR	ON	2004/05/13 14:44
S4	243814	b023k020/00 adn three	EPO; JPO	OR	ON	2004/05/13 14:44
S5	0	b023k020/00 and three	EPO; JPO	OR	ON	2004/05/13 14:44
S6	0	b023k020/00 and nozzlethree	EPO; JPO	OR	ON	2004/05/13 14:45
S7	0	b023k020/00 and nozzle	EPO; JPO	OR	ON	2004/05/13 14:45
S8	106	b23k020/00 and nozzle	EPO; JPO	OR	ON	2004/05/13 14:45
S9	0	b23k020/00 and threenozzle	EPO; JPO	OR	ON	2004/05/13 14:45
S10	112	b23k020/00 and three	EPO; JPO	OR	ON	2004/05/13 14:45
S11	112	b23k020/00 and three	EPO; JPO	OR	ON	2004/05/13 14:45
S12	4	b23k020/00 and three and flame	EPO; JPO	OR	ON	2004/05/13 14:46
S13	0	b23k020/00 and three and nzzle	EPO; JPO	OR	ON	2004/05/13 14:46
S14	7	b23k020/00 and three and nozzle	EPO; JPO	OR	ON	2004/05/13 14:46
S15	3942	three and nozzle	EPO; JPO	OR	ON	2004/05/13 14:46
S16	45	three and nozzle and torch	EPO; JPO	OR	ON	2004/05/13 14:50
S17	2	three and nozzle and manual and fuel	EPO; JPO	OR	ON	2004/05/13 14:50
S18	2218	g02b007/26	EPO; JPO	OR	ON	2004/05/13 14:50
S19	4	g02b007/26 and manual	EPO; JPO	OR	ON	2004/05/13 14:51
S20	69	g02b007/26 and three	EPO; JPO	OR	ON	2004/05/13 14:51
S21	49218	g02b007/26 and three flame	EPO; JPO	OR	ON	2004/05/13 14:51
S22	2	g02b007/26 and three and flame	EPO; JPO	OR	ON	2004/05/13 14:51
S27	2	("5755568").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/26 16:31
S28	0	(F23D14/66).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/26 16:36
S29	0	(F23D14/56andF23D14/56).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/26 16:36

## EAST Search History

S30	0	F23D14/56 and F23D14/56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:36
S31	261	F23D014/56 and F23D014/56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:36
S32	1463	F23D014/52 F23D014/56 F23D014/58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:38
S33	10	F23D014/52 F23D014/56 F23D014/58	US-PGPUB	OR	ON	2006/07/26 16:38
S34	10	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19951127"	US-PGPUB	OR	ON	2006/07/26 16:39
S35	24	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19951127"	USPAT	OR	ON	2006/07/26 16:40
S36	38	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19921127"	USPAT	OR	ON	2006/07/26 16:40
S37	42	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19901127"	USPAT	OR	ON	2006/07/26 16:41
S38	24	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19951127"	USPAT	OR	ON	2006/07/26 16:42
S39	625	(F23D014/52 F23D014/56 F23D014/58) and @pd>="19951127"	DERWENT	OR	ON	2006/07/26 16:45
S40	255	(F23D014/52 F23D014/56 F23D014/58) and @pd<="19951127"	DERWENT	OR	ON	2006/07/26 17:31
S41	270	(F23D014/52 F23D014/56 F23D014/58) and @pd<="19951127"	EPO; JPO	OR	ON	2006/07/26 17:31

## EAST Search History

S42	83	(US-1685349-\$ or US-1631379-\$ or US-3113012-\$ or US-2608031-\$ or US-4231777-\$ or US-2433055-\$ or US-0532920-\$ or US-4477244-\$ or US-5178535-\$ or US-2151334-\$ or US-2221788-\$ or US-2214031-\$ or US-2378001-\$ or US-2593295-\$ or US-3279701-\$ or US-4191333-\$ or US-0316785-\$ or US-0995017-\$ or US-1291864-\$ or US-2634633-\$ or US-2047306-\$ or US-4671833-\$ or US-1734316-\$ or US-4449925-\$ or US-3776689-\$ or US-0316065-\$).did. or (US-0149202-\$).did. or (JP-59167622-\$ or JP-60162113-\$ or JP-57060104-\$ or JP-57062314-\$ or JP-58188586-\$ or JP-58199682-\$ or JP-56077085-\$ or JP-63252435-\$ or JP-61030291-\$ or JP-62142087-\$ or JP-56109182-\$ or JP-55133891-\$ or JP-55133889-\$ or JP-58199684-\$ or JP-58188587-\$ or JP-58138584-\$ or JP-57028691-\$ or JP-58199683-\$ or JP-07145917-\$ or JP-07214343-\$ or JP-09155566-\$ or JP-59097784-\$ or JP-09308974-\$ or JP-59137186-\$ or JP-07227684-\$ or JP-08159422-\$).did. or (JP-08267258-\$).did. or (JP-08267258-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/26 17:51
S43	2	("316785").URPN.	USPAT	OR	ON	2006/07/26 17:52
S44	34	("0316785"   "0995017"   "1014247"   "1293669"   "1499202"   "1590195"   "1613611"   "1676564"   "2378001"   "2487959"   "2571537"   "2593295"   "3279701"   "3816065"   "4050239"   "4191333"   "4491716"   "5178535"   "5216981"   "5755568"   "5979741").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 17:52
S45	1	("1014247").URPN.	USPAT	OR	ON	2006/07/26 17:52
S46	1	("2571537").URPN.	USPAT	OR	ON	2006/07/26 18:33
S47	2	("0316785").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 18:34
S48	9	("1638336"   "1915913"   "1933133"   "3838243"   "Re28190").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 18:36
S49	6	("RE28190").URPN.	USPAT	OR	ON	2006/07/26 18:37
S50	11	("2260342"   "3954216"   "4103815"   "4121748"   "4570551"   "4576324"   "4927357"   "5222654"   "5472143"   "5509600").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 18:38

## EAST Search History

S51	1	("532920").URPN.	USPAT	OR	ON	2006/07/26 20:34
S52	0	("1734316").URPN.	USPAT	OR	ON	2006/07/26 20:41
S53	1	("2151334").URPN.	USPAT	OR	ON	2006/07/26 20:43
S54	1	("2151334").URPN.	USPAT	OR	ON	2006/07/26 20:43
S55	1	("2221788").URPN.	USPAT	OR	ON	2006/07/26 20:45
S56	3	("2608031").URPN.	USPAT	OR	ON	2006/07/26 20:48
S57	16	("1539420"   "1560248"   "1948807"   "2593295"   "2608031"   "3091401"   "3170171"   "3326551").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 20:49
S58	1	("2634633").URPN.	USPAT	OR	ON	2006/07/26 20:52
S59	2	("0316785").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 20:54
S60	2	("4191333").URPN.	USPAT	OR	ON	2006/07/26 20:54
S61	280	432/225.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 21:27
S62	396	(432/225).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/26 21:10
S63	396	432/225.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 22:24
S64	208	432/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 21:34
S65	676	228/219.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 21:34
S66	1013	228/219.ccls. 65/113,272,270.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 21:35

## EAST Search History

S67	7	("2725678"   "2883797"   "4231777"   "4561874"   "4568372").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 21:46
S68	8	("2883797").URPN.	USPAT	OR	ON	2006/07/26 21:47
S69	4	("2725678"   "2883797").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 21:48
S70	6	("4561874").URPN.	USPAT	OR	ON	2006/07/26 21:48
S71	1	("1674367").URPN.	USPAT	OR	ON	2006/07/26 22:20
S72	1628	65/36,113,108,120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 22:24
S73	1124	65/36,113,108,120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 22:24
S74	960	65/36,113,108,120.ccls. not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 22:28
S75	416	65/108,120.ccls. not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 22:28
S79	123	blowpipe	EPO; JPO	OR	ON	2006/07/27 11:15
S80	0	"rong burner"	EPO; JPO	OR	ON	2006/07/27 11:15
S81	4	"ring torch"	EPO; JPO	OR	ON	2006/07/27 11:15
S82	110	"ring burner"	EPO; JPO	OR	ON	2006/07/27 11:30
S83	226	"ring burner"	DERWENT	OR	ON	2006/07/27 11:30
S84	226	"ring burner" not S82	DERWENT	OR	ON	2006/07/27 11:50
S86	100	B23K020/00 and (burner flame)	DERWENT	OR	ON	2006/07/27 11:55
S87	19	B23K020/00 and torch	DERWENT	OR	ON	2006/07/27 12:03
S88	197	B23K005/00 and (flame burner torch)	DERWENT	OR	ON	2006/07/27 12:13
S89	6	("3618197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/27 12:19



## EAST Search History

S90	323	228/220.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 12:19
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